

CLAIMS

1. An image sensor head comprising:

5 a case elongated in a primary scanning direction and mounted on a bracket movable in a secondary scanning direction;

a light source accommodated in the case; and

light receiving elements accommodated in the case for receiving light from a document to be read;

10 wherein the case is provided with at least two positioning means for preventing the case from moving in the primary scanning direction relative to the bracket, these positioning means being spaced from each other in the primary scanning direction.

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2. The image sensor head according to claim 1, wherein each positioning means comprises a recess into which a post provided at the bracket is fitted.

20 3. The image sensor head according to claim 1, further comprising: an elongated circuit board fixed to the case; and a connector supported by the board for external connection; wherein the light source is mounted on an end of the board, the connector being attached to another end of the board.

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4. The image sensor head according to claim 3, further comprising an elastic member contacting with the board for

urging the case.

5. The image sensor head according to claim 1, further comprising at least two cylindrical projections for preventing the case from moving in the secondary scanning direction relative to the bracket, wherein each cylindrical projection is positioned adjacent to a corresponding one of the positioning means, and projects in the primary scanning direction.

10 6. An image scanner comprising:

a case elongated in a primary scanning direction;

a bracket that supports the case and is movable in a secondary scanning direction;

a light source accommodated in the case;

15 light receiving elements accommodated in the case for receiving light from a document to be read;

a circuit board fixed to the case and supporting the light source and the light receiving elements;

20 a connector attached to the circuit board for external connection; and

a drive assembly for reciprocating the bracket in the secondary scanning direction;

wherein the case is provided with at least two positioning means for preventing the case from moving in the primary scanning direction relative to the bracket, these positioning means being spaced from each other in the primary scanning direction.

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7. The image scanner according to claim 6, wherein each positioning means comprises a recess formed at the case, the bracket being provided with a post to be fitted into the
5 recess.

8. The image scanner according to claim 6, the connector is arranged between the two positioning means and located at a position close to one of these positioning means.

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9. The image scanner according to claim 6, further comprising a flexible cable connected to the connector.